



Image

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

1743  
1641

Applicant: Stephen Quirk

Title: DIAGNOSTIC SIGNAL AMPLIFICATION WITH PROTEINOID MICROSPHERES

Docket No.: 1443.027US1  
Filed: December 20, 2001  
Examiner: Unknown

Serial No.: 10/027,201  
Due Date: N/A  
Group Art Unit: 1743

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ A return postcard.
- ☒ A Supplemental Information Disclosure Statement (2 pgs.), Form 1449 (1 pg.), and copies of 5 cited documents.

If not provided for in a separate paper filed herewith, Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
Customer Number 21186

By: Robin A. Chadwick  
Atty: Robin A. Chadwick  
Reg. No. 36,477

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 20th day of January, 2004.

Gulim Abilova  
Name

Gulim Abilova  
Signature

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
(GENERAL)

S/N 10/027,201



PATENT

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Applicant:	Stephen Quirk	Examiner:	Unknown
Serial No.:	10/027,201	Group Art Unit:	1743
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Supplemental Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Supplemental Information Disclosure Statement considered.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Serial No :10/027201

Filing Date: December 20, 2001

Title: DIAGNOSTIC SIGNAL AMPLIFICATION WITH PROTEINOID MICROSPHERES

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The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

STEPHEN QUIRK

By his Representatives,

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Date Jan. 20, 2004 By Robin A. Chadwick  
Robin A. Chadwick  
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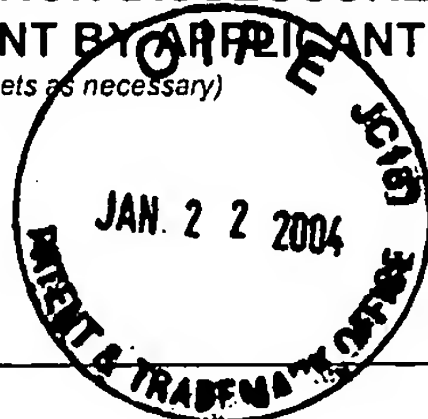
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Gulim Abilova  
Name

Gulim Abilova  
Signature

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(Use as many sheets as necessary)

Complete if Known

Application Number	10/027,201
Filing Date	December 20, 2001
First Named Inventor	Quirk, Stephen
Group Art Unit	1743
Examiner Name	Unknown

Sheet 1 of 1

Attorney Docket No: 1443.027US1

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
	US-6,191,278	02/20/2001	Lee, L. G., et al.	546	41	11/03/1999

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T <sup>2</sup>
	WO-94/17786	08/18/1994	Fernandez, J. M., et al.	A61K	9/16	

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		JUNGHANS, M., et al., "Phosphodiester And Phosphorothioate Oligonucleotide Condensation And Preparation of Antisense Nanoparticles", <u>Biochimica Et Biophysica Acta.</u> , 1544, (Jan., 2001), 177-188	
		MILSTEIN, S. J., et al., "pH-Dependent Microspheres From Modified Soybean Protein Hydrolysate", <u>J. Microencapsulation</u> , 13, (Nov., 1996), 651-665	
		YEN, H-R. H., et al., "Adsorption of Sulforhodamine 101 on Proteinoid Microspheres", <u>Emisphere Technologies, Inc.</u> , Proceed. Intern. Symp. Control. Rel. Bioact. Mater., 20,(1993), 342-343	

**EXAMINER****DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional) <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached